



1600

## RAW SEQUENCE LISTING

DATE: 02/27/2003

PATENT APPLICATION: US/09/724,028A

TIME: 07:53:50

Input Set : A:\#429416 v1 - A34701 Revised Sequence Listing.txt

Output Set: N:\CRF4\02272003\I724028A.raw

4 <110> APPLICANT: Fisher, Paul B.  
 5 Kang, Dong-Chul  
 7 <120> TITLE OF INVENTION: METHOD FOR FULL-LENGTH cDNA CLONING  
 8 USING DEGENERATE STEM LOOP ANNEALING PRIMERS  
 11 <130> FILE REFERENCE: A34701 (070050.1728)  
 13 <140> CURRENT APPLICATION NUMBER: 09/724,028A  
 14 <141> CURRENT FILING DATE: 2000-11-28  
 16 <160> NUMBER OF SEQ ID NOS: 33  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 30  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Artificial Sequence  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: Oligonucleotide primer AP-1  
 28 <400> SEQUENCE: 1  
 29 ttctggtcga ctagtgttta aactcgagac 30  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 30  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: Artificial Sequence  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Oligonucleotide primer AP-2  
 39 <400> SEQUENCE: 2  
 40 cactgatcagt cgacgaagtc gacactcgag 30  
 42 <210> SEQ ID NO: 3  
 43 <211> LENGTH: 27  
 44 <212> TYPE: DNA  
 45 <213> ORGANISM: Artificial Sequence  
 47 <220> FEATURE:  
 48 <223> OTHER INFORMATION: Oligonucleotide primer M5R1  
 50 <400> SEQUENCE: 3  
 51 tttttttttt ttcagagtaa aacaatc 27  
 53 <210> SEQ ID NO: 4  
 54 <211> LENGTH: 26  
 55 <212> TYPE: DNA  
 56 <213> ORGANISM: Artificial Sequence  
 58 <220> FEATURE:  
 59 <223> OTHER INFORMATION: Oligonucleotide primer M5R2  
 61 <400> SEQUENCE: 4  
 62 tgtgcaccat cattgttccc caagcc 26  
 64 <210> SEQ ID NO: 5  
 65 <211> LENGTH: 24

P.6  
ENTERED

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66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Oligonucleotide primer M5R3
72 <400> SEQUENCE: 5
73 aatctgacat tggactcatt tgac 24
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 26
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Oligonucleotide primer M5R4
83 <400> SEQUENCE: 6
84 gtttgaatcc ttgtcattat ttctag 26
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 26
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Oligonucleotide primer M5S1
94 <400> SEQUENCE: 7
95 gcctgagagc cctgtggaca acctcg 26
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 25
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Oligonucleotide primer 56R1
105 <400> SEQUENCE: 8
106 gtggctgata tctgggtgcc taagg 25
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 26
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Oligonucleotide primer 56R2
116 <400> SEQUENCE: 9
117 cctaaggacc ttgtctcaca gagttc 26
119 <210> SEQ ID NO: 10
120 <211> LENGTH: 27
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: Oligonucleotide primer 56S1
127 <400> SEQUENCE: 10
128 ccagatctca gaggagcctg gctaagc 27
130 <210> SEQ ID NO: 11
131 <211> LENGTH: 24
132 <212> TYPE: DNA

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133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Oligonucleotide primer M9R1
138 <400> SEQUENCE: 11
139 aatcaggata aagtgtcaac tatc 24
141 <210> SEQ ID NO: 12
142 <211> LENGTH: 27
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Oligonucleotide primer M9R2
149 <400> SEQUENCE: 12
150 atcccaaagt agctaggtta cataatc 27
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 26
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Oligonucleotide primer M9S1
160 <400> SEQUENCE: 13
161 cctcagaagt ccgtgccagt gaccgg 26
163 <210> SEQ ID NO: 14
164 <211> LENGTH: 26
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Oligonucleotide primer FnR1
171 <400> SEQUENCE: 14
172 tttttttttt ttgtggaatg taaatc 26
174 <210> SEQ ID NO: 15
175 <211> LENGTH: 26
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Oligonucleotide primer FnR2
182 <400> SEQUENCE: 15
183 agatggatct tggcagagag acatgc 26
185 <210> SEQ ID NO: 16
186 <211> LENGTH: 22
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Oligonucleotide primer PCTAR1
193 <400> SEQUENCE: 16
194 gaagaagtag aacatcagtg cc 22
196 <210> SEQ ID NO: 17
197 <211> LENGTH: 25
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence

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Output Set: N:\CRF4\02272003\I724028A.raw

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201 <220> FEATURE:
202 <223> OTHER INFORMATION: Oligonucleotide primer PCTAR2
204 <400> SEQUENCE: 17
205 tcttctgtac agcagtatct tacat 25
207 <210> SEQ ID NO: 18
208 <211> LENGTH: 29
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Oligonucleotide primer PCTAR3
215 <400> SEQUENCE: 18
216 tttttttttt ttttttgggt tgcattgcgg 29
218 <210> SEQ ID NO: 19
219 <211> LENGTH: 28
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Oligonucleotide primer PCTAR4
226 <400> SEQUENCE: 19
227 ttacaaacag ctcccaaagt gtgaaact 28
229 <210> SEQ ID NO: 20
230 <211> LENGTH: 12
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of
236 mda-5
238 <400> SEQUENCE: 20
239 gcgcgcgcgc ct 12
241 <210> SEQ ID NO: 21
242 <211> LENGTH: 12
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of
248 ISG-56
250 <400> SEQUENCE: 21
251 tgcagaacgg ct 12
253 <210> SEQ ID NO: 22
254 <211> LENGTH: 12
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of
260 mda-9
262 <400> SEQUENCE: 22
263 ggccggcggc gc 12
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 12

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Input Set : A:\#429416 v1 - A34701 Revised Sequence Listing.txt

Output Set: N:\CRF4\02272003\I724028A.raw

267 <212> TYPE: DNA  
268 <213> ORGANISM: Artificial Sequence  
270 <220> FEATURE:  
271 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of  
272 PCTA-1A  
274 <400> SEQUENCE: 23  
275 tggaggcctg ga 12  
277 <210> SEQ ID NO: 24  
278 <211> LENGTH: 12  
279 <212> TYPE: DNA  
280 <213> ORGANISM: Artificial Sequence  
282 <220> FEATURE:  
283 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of  
284 PCTA-1B  
286 <400> SEQUENCE: 24  
287 gccagtgcct ca 12  
289 <210> SEQ ID NO: 25  
290 <211> LENGTH: 12  
291 <212> TYPE: DNA  
292 <213> ORGANISM: Artificial Sequence  
294 <220> FEATURE:  
295 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of  
296 PCTA-1C  
298 <400> SEQUENCE: 25  
299 cgatgtggcc tt 12  
301 <210> SEQ ID NO: 26  
302 <211> LENGTH: 12  
303 <212> TYPE: DNA  
304 <213> ORGANISM: Artificial Sequence  
306 <220> FEATURE:  
307 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of  
308 OLD-35  
310 <400> SEQUENCE: 26  
311 cggaggacca at 12  
313 <210> SEQ ID NO: 27  
314 <211> LENGTH: 12  
315 <212> TYPE: DNA  
316 <213> ORGANISM: Artificial Sequence  
318 <220> FEATURE:  
319 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of  
320 PEGen 12  
322 <400> SEQUENCE: 27  
323 gcggtggtga cg 12  
325 <210> SEQ ID NO: 28  
326 <211> LENGTH: 12  
327 <212> TYPE: DNA  
328 <213> ORGANISM: Artificial Sequence  
330 <220> FEATURE:  
331 <223> OTHER INFORMATION: Sequence of the 5' end of the C-ORF product of

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/724,028A

DATE: 02/27/2003  
TIME: 07:53:51

Input Set : A:\#429416 v1 - A34701 Revised Sequence Listing.txt  
Output Set: N:\CRF4\02272003\I724028A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:30; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12

Seq#:31; N Pos. 1,2,3,4,5,6,7,8,9,10

Seq#:32; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13